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Datasheet for ABIN7546166
SH2D4A Protein (AA 1-454) (His tag)

Overview

Quantity:	1 mg
Target:	SH2D4A
Protein Characteristics:	AA 1-454
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH2D4A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SH2D4A Protein expressed in mammalian cells.
Sequence:	MLKQILSEMY IDPDLLAELS EEQKQILFFK MREEQIRRWK EREAAMERKE SLPVKPRPKK ENGKSVHWKL GADKEVWWW MGEHHLDPY DVLCNEIIAE RARLKAEQEA EEPKTHSEE FTNSLTKTSQ YHDLQAPDNQ QTKDIWKKVA EKEELEQGSR PAPTLEEEKI RSLSSSSRNI QQMLADSINR MKAYAFHQKK ESMKKKQDEE INQIEEERTK QICKSWKEDS EWQASLRKSK AADEKRRSLA KQAREDYKRL SLGAQKGRGG ERLQSPLRVP QKPERPLPP KPQFLNSGAY PQKPLRNQGV VRTLSSSAQE DIIRWFKEEQ LPLRAGYQKT SDTIAPWFHG ILTLKKANEL LLSTGMPGSF LIRVSEIRIK YALSYLSEDG CKHFLIDASA DAYSFLGVDQ LQHATLADLV EYHKEEPITS LGKELLLYPC GQQDQLPDYL ELFE Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

SH2D4A

Alternative Name:

SH2D4A ([SH2D4A Products](#))

Background:

SH2 domain-containing protein 4A (Protein SH(2)A) (Protein phosphatase 1 regulatory subunit 38),FUNCTION: Inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation. May play a role in T-cell development and function. {ECO:0000269|PubMed:18641339, ECO:0000269|PubMed:19712589}.

Molecular Weight:

52.7 kDa

UniProt:

[Q9H788](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months